

IN THE CLAIMS

Please cancel claims 1-6 and 12-26 and please examine the following original claims:

7. (original)A torsion oscillator scanner comprising:
a plate member having a non-rectangular shape selected from the group of elliptical, oval, racetrack, or circular, the plate member having an upper surface, a lower surface, and a rotational axis,
- 5 a frame disposed in a spaced apart relation to the lower surface of the plate member, a mount for holding the plate member adjacent the frame, a reflective surface located on a surface of the plate member for reflecting a light beam, at least one magnet disposed on the plate, at least one coil located on the frame and configured for inducing electromagnetic force
- 10 on the at least one magnet when alternating current is applied to the at least one coil to thereby oscillate the reflective surface to a rotational angle of oscillation at an oscillation frequency to scan the light beam through a scanning pattern in at least first and second directions at the oscillation frequency, and wherein the reflective surface comprises a mirror having an optical power.
8. (original)The torsion oscillator scanner of claim 7 wherein the reflective surface comprises a concave mirror.
9. (original)The torsion oscillator scanner of claim 7 wherein the reflective surface comprises a Fresnel lens mirror.
10. (original)The torsion oscillator scanner of claim 7 wherein the plate member further includes one or more diffractive optical surfaces having reflective properties.

11. (original)A torsion oscillator scanner comprising:

a plate member having a non-rectangular shape selected from the group of elliptical, oval, racetrack, or circular, the plate member having an upper surface, a lower surface, and a rotational axis,

5 a frame disposed in a spaced apart relation to the lower surface of the plate member, a mount for holding the plate member adjacent the frame,

a reflective surface located on a surface of the plate member for reflecting a light beam, at least one magnet disposed on the plate,

at least one coil located on the frame and configured for inducing electromagnetic force

10 on the at least one magnet when alternating current is applied to the at least one coil to thereby oscillate the reflective surface to a rotational angle of oscillation at an oscillation frequency to scan the light beam through a scanning pattern in at least first and second directions at the oscillation frequency, and

wherein the reflective surface comprises multiple mirrors, each mirror having different
15 reflective properties.